

Please amend the claims as follows:

1. (Amended) A catalyst, comprising:

*SUB D1*

a metal particulate having a particle size of less than about 100 Angstroms, said metal particulate consisting essentially of at least one non-noble metal; and a support.

*a*

2. (Amended) The catalyst of claim 1, wherein said particulate has a particle size of less than about 70 Angstroms.

3. (Amended) The catalyst of claim 1, wherein said particulate has a particle size of less than about 50 Angstroms.

*SUB C1*

4. (Amended) The catalyst of claim 1, wherein said particulate has a particle size of between about 10 and about 50 Angstroms.

5. (Amended) The catalyst of claim 1, wherein said particulate has a particle size of between about 10 and about 30 Angstroms.

6. (Amended) The catalyst of claim 1, wherein said particulate has a particle size of between about 10 Angstroms and about 20 Angstroms.

8. (Amended) The catalyst of claim 1, wherein said particulate has a particle proximity of between about 2 Angstroms and about 300 Angstroms.

9. (Amended) The catalyst of claim 1, wherein said particulate comprises at least one metal selected from the group consisting of nickel and nickel alloy.

10. (Amended) The catalyst of claim 1, wherein said particulate consists essentially of at least one metal selected from the group consisting of nickel and nickel alloy.

30. (Amended) A catalyst, comprising:

*SUB D1*  
a nickel and/or nickel alloy particulate having a particle size of less than about 100 Angstroms, said nickel <sup>and/or nickel</sup> alloy lacking platinum and palladium; and  
a support.

31. (Amended) The catalyst of claim 30, wherein said particulate has a particle size of less than about 70 Angstroms.

*a3*  
32. (Amended) The catalyst of claim 30, wherein said particulate has a particle size of between about 10 and about 50 Angstroms.

33. (Amended) The catalyst of claim 30, wherein said particulate has a particle size of between about 10 and about 40 Angstroms.

34. (Amended) The catalyst of claim 30, wherein said particulate has a particle size of between about 10 and about 30 Angstroms.